

Cartographers and Photogrammetrists (17-1021)

Occupation description: Collect, analyze, and interpret geographic information provided by geodetic surveys, aerial photographs, and satellite data. Research, study, and prepare maps and other spatial data in digital or graphic form for legal, social, political, educational, and design purposes. May work with Geographic Information Systems (GIS). May design and evaluate algorithms, data structures, and user interfaces for GIS and mapping systems.

Employment and Job Openings

	Average employment			Average annual openings		
	2010 estimate	2020 projection	Percent change	Growth	Replacement	Total
Alaska	65	71	9.2	1	1	2
United States	13,800	16,900	22.5	310	300	610

Job outlook

Alaska: Alaska's employment growth is low with low employment opportunities. [Read more.](#)

2013 Wages ?

	Mean Wage and 95% Confidence Interval			Wage by Percentile		
	Low	Mean	High	10th	Median	90th
United States	n/a	30.07	n/a	17.50	28.29	45.57
Alaska	29.95	31.49	33.03	21.98	30.72	42.15
Anchorage/Mat-Su Area (MSA)	29.81	32.07	34.33	23.15	31.21	42.56

Labor Force Indicators

2012 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
86	11	12.8	51.9	37.7

2012 Potential Supply

Qualified but working in another occupation	15
Currently employed in a lower paid occupation	6
UI claimants previously working in occupation	6

2012 ALEXsys Employment Data

Number of registrants	37
Number of job position postings	2
Ratio of registrants to job position postings	18.5

Typical Entry-level Education, Experience, and/or On-the-job Training

Education: Bachelor's degree

Work experience: None

On-the-job training: None

Training Resources

Degree

Alaska Teamster-Employer Service Training Trust

Surveyor Assistant, Instruments

Degree

University of Alaska Anchorage

Geomatics

AAS

Geomatics

BS

Department of Labor and Workforce Development, Research and Analysis Section
P.O. Box 115501
Juneau, Alaska 99811-5501
Phone: 907.465.4500, Fax: 907.523.9654
June 29, 2014